

Title (en)  
ANTISENSE OLIGONUCLEOTIDES DIRECTED TO RIBONUCLEOTIDE REDUCTASE R1 AND USES THEREOF IN THE TREATMENT OF  
CANCER

Title (de)  
ANTISENSE OLIGONUKLEOTIDE GEGEN DIE RIBONUKLEOTID REDUKTASE R1 UND DEREN VERWENDUNG FÜR DIE BEHANDLUNG VON  
KREBS

Title (fr)  
OLIGONUCLEOTIDES ANTISENS DIRIGES CONTRE LE GENE R1 DE LA RIBONUCLEOTIDE REDUCTASE ET LEURS UTILISATIONS DANS  
LE TRAITEMENT DU CANCER

Publication  
**EP 1636363 A1 20060322 (EN)**

Application  
**EP 04734192 A 20040521**

Priority  
• CA 2004000761 W 20040521  
• US 32021003 P 20030521

Abstract (en)  
[origin: WO2004104197A1] The present invention provides antisense oligonucleotides directed to a mammalian ribonucleotide reductase R1 gene  
and combinations of the antisense oligonucleotides with one or more chemotherapeutic agents for use in the treatment of cancer.

IPC 1-7  
**C12N 15/11**; **C12N 9/02**; **A61K 31/7088**

IPC 8 full level  
**C12N 15/113** (2010.01); **A61K 38/00** (2006.01)

CPC (source: EP US)  
**A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **C12N 15/1137** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004104197A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004104197 A1 20041202**; CA 2526393 A1 20041202; EP 1636363 A1 20060322; US 2007274947 A1 20071129

DOCDB simple family (application)  
**CA 2004000761 W 20040521**; CA 2526393 A 20040521; EP 04734192 A 20040521; US 55785304 A 20040521